

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Hiroyuki ICHIKAWA, et al  
Title: REFORMING APPARATUS  
Appl. No.: Unassigned  
Filing Date: May 25, 2001  
Examiner: Unassigned  
Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Hiroyuki ICHIKAWA  
Fuminori YAMANISHI  
Masakazu HANAWA

☐ Applicant claims small entity status under 37 CFR 1.27.

Enclosed are:

- ☒ Specification, Claim(s), and Abstract (16 pages).
- ☒ Formal drawings (12 sheets, Figures 1-12C).
- ☒ Declaration and Power of Attorney (2 pages).
- ☒ Assignment of the invention to NISSAN MOTOR CO., LTD..
- ☒ Assignment Recordation Cover Sheet.
- ☒ Claim for Convention of Priority and priority document.
- ☒ Information Disclosure Statement.
- ☒ Form PTO-1449 with copies of 1 listed reference(s).

☒ Preliminary Amendment.

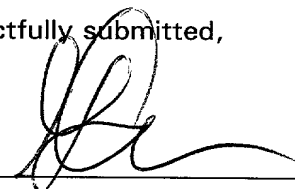
The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$710.00	\$710.00
Total Claims:	15	- 20	= 0	x \$18.00	= \$0.00
Independents:	2	- 3	= 0	x \$80.00	= \$0.00
If any Multiple Dependent Claim(s) present:			+	\$270.00	= \$0.00
				SUBTOTAL:	= \$710.00
<input type="checkbox"/> Small Entity Fees Apply (subtract 1/2 of above):					= \$0.00
				TOTAL FILING FEE:	= \$710.00
Assignment Recordation Fee:			+	\$40.00	= \$40.00
				TOTAL FEE	= \$750.00

- ☒ A check in the amount of \$750.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- ☐ The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

By 

Date May 25, 2001

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